

# DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. \_\_\_\_\_

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method for Power Saving Routing in Wireless Networks

\_\_\_\_\_, the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

## Prior Foreign Application(s)

## Priority Benefits Claimed?

2003-29937  
(Appl. No.)

Korea  
(Country)

12 May 2003  
(Filing Date)

☒ Yes ☐ No

\_\_\_\_\_  
(Appl. No.)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Filing Date)

☐ Yes ☐ No

\_\_\_\_\_  
(Appl. No.)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Filing Date)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability

as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U.S. Application(s)**

\_\_\_\_\_  
(Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

\_\_\_\_\_  
(Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

And I hereby appoint the Law Offices Of Royal W. Craig, including Royal W. Craig (**Reg. No. 34,145**) as my principal attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

**Send Correspondence To:** LAW OFFICES OF ROYAL W. CRAIG  
10 N. Calvert St.  
Suite 153  
Baltimore, Maryland 21202

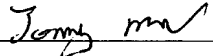
**Direct Telephone Calls To:** Royal W. Craig Telephone: (410) 385-2383

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: CHOI, Jong Mu

Citizenship: Republic of Korea

Inventor's signature: 

Date of Signature: July 29, 2003

Residence: (City) Gunpo city

(State/Country) Republic of Korea

Post Office Address: at #732-1801, Solgeo APT., 1146, Sanbon-dong, Gunpo-si,  
Kyeonggi-do 435-040, Republic of Korea

Typewritten Full Name of

Second Inventor: KIM, Jai Hoon

Citizenship: Republic of Korea

Inventor's signature: 

Date of Signature: July 29, 2003

Residence: (City) Yongin city


(State/Country) Republic of Korea

Post Office Address: #701-1703, Ssangyong 1 cha, Manhyeon maeul, Sanghyeon -ri, Suji- eup,  
Yongin-si , Kyeonggi-do 449-843, Republic of Korea

Typewritten Full Name of

Second Inventor: KO, Young Bae

Citizenship: Republic of Korea

Inventor's signature: 

Date of Signature: July 29, 2003

Residence: (City) Gunpo city

(State/Country) Republic of Korea

Post Office Address: #758-6, Gumjung-dong, Gunpo-si, Kyeonggi-do 435-050,  
Republic of Korea

*Applicant: Choi et al. Attorney's Docket No.:  
Serial or Patent Application No.: To be assigned  
Invention: Method for Power Saving Routing in Wireless Networks*

**STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 C.F.R. §1.27(a) and 1.27(c)(1))  
INDEPENDENT INVENTORS, ASSIGNMENT TO NON-PROFIT  
ORGANIZATION**

For the purposes of paying reduced fees to the Patent and Trademark Office, under 35 U.S.C. §41(a)-(b), the below-named individual inventors qualify as independent inventors, as defined in 37 C.F.R. §1.27(a), with regard to the invention entitled "METHOD FOR POWER SAVING ROUTING IN WIRELESS NETWORKS" described in the specification filed on this date.

- Inventor(s):
1. Jong Mu Choi  
#732-1801, Solgeo APT., 1146, Sanbon-dong, Gunpo-si,  
Kyeonggi-do 435-040, Republic of Korea  
(Citizen of Korea)
  2. Jai Hoon Kim  
#701-1703, Ssangyong 1 cha, Manhyeon maeul, Sanghyeon-ri  
Suji-eup, Yongin-si, Kyeonggi-do 449-843, Republic of Korea  
(Citizen of Korea)
  3. Young Bae Ko  
#758-6, Gumjung-dong, Gunpo-si,  
Kyeonggi-do 435-050, Republic of Korea  
(Citizen of Korea)

The above-named inventors have assigned all rights in said invention to the **DAEWOO EDUCATIONAL FOUNDATION (assignee), a non-profit organization, existing under the laws of the Republic of Korea, having its principal place of business at San 5, Woncheon-dong, Paldal-ku, Suwon-si, Kyeonggi-do 442-749, Republic of Korea.** For the purposes of paying reduced fees to the Patent and Trademark Office, under 35 U.S.C. §41(a)-(b), with regard to said invention, the assignee qualifies as a non-profit organization, as defined by 37 C.F.R. §1.27(a)(3).

The above-named assignee has not assigned, granted, conveyed or licensed and is under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 C.F.R. §1.27(a)(1) as if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. §1.27(a)(2) or a non-profit organization under 37 C.F.R. §1.27(a)(3).

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Jong Mu CHOI, an individual residing at #732-1801, Solgeo APT., 1146, Sanbon-dong, Gunpo-si, Kyeonggi-do 435-040, Republic of Korea and Jai Hoon KIM, an individual residing at #701-1703, Ssangyong 1 cha, Manhyeon maeul, Sanghyeon -ri, Suji- eup, Yongin-si, Kyeonggi-do 449-843, Republic of Korea and Young Bae KO, an individual residing at #758-6, Gumjung-dong, Gunpo-si, Kyeonggi-do 435-050, Republic of Korea ("ASSIGNORS"), do hereby sell and assign to

### DAEWOO EDUCATIONAL FOUNDATION

a non-profit foundation organized and existing under the laws of Republic of Korea, having its principal place of business at

San 5, Woncheon-dong, Paldal-ku, Suwon-si, Kyeonggi-do 442-749, Republic of Korea

(hereinafter referred to as "ASSIGNEE") its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to all improvements in his:

### Method for Power Saving Routing in Wireless Networks

invented by ASSIGNOR, and any and all applications for patent and patents in any and all countries, inclusive of PCT Application PCT/ [list all related applications here]; and including all division, continuations, reissues, and extensions thereof and all rights or priority resulting from the filing of any such applications, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue any patent on said improvements or resulting therefrom to the said "ASSIGNEE," its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and I covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said "ASSIGNEE," its successors, assigns, nominees or other legal representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said "ASSIGNEE," its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said "ASSIGNEE," its successors, assigns, nominees or other legal representatives, either in its or their own name, to apply for, obtain and enforce patent, Utility Model and/or Inventor's Certificate protection for said improvements in all countries, all without further consideration but at the expense of said "ASSIGNEE," its successors, assigns, nominees, or other legal representatives.

Executed at Seoul this 29 day of July, 2003.

Assignors:

Jong Mu  
Jong Mu CHOI

Jai Hoon  
Jai Hoon KIM

Young Bae  
Young Bae KO

Applicant: Choi et al.

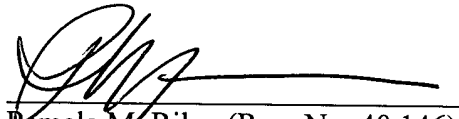
Attorney's Docket No.:

Serial or Patent Application No.: To be assigned

Invention: Method for Power Saving Routing in Wireless Networks

I acknowledge the duty to file, in this application or patent, new determination of entitlement to small entity status, or notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. §1.27(g)(1)&(2)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made shall be considered as a fraud practiced or attempted on the Office (37 C.F.R. §1.27(h)(1)&(2)), and are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

  
Pamela M. Riley (Reg. No. 40,146)  
Law Offices of Royal W. Craig  
10 N. Calvert Street, Suite 153  
Baltimore, MD 21202

Date: 09-12-03